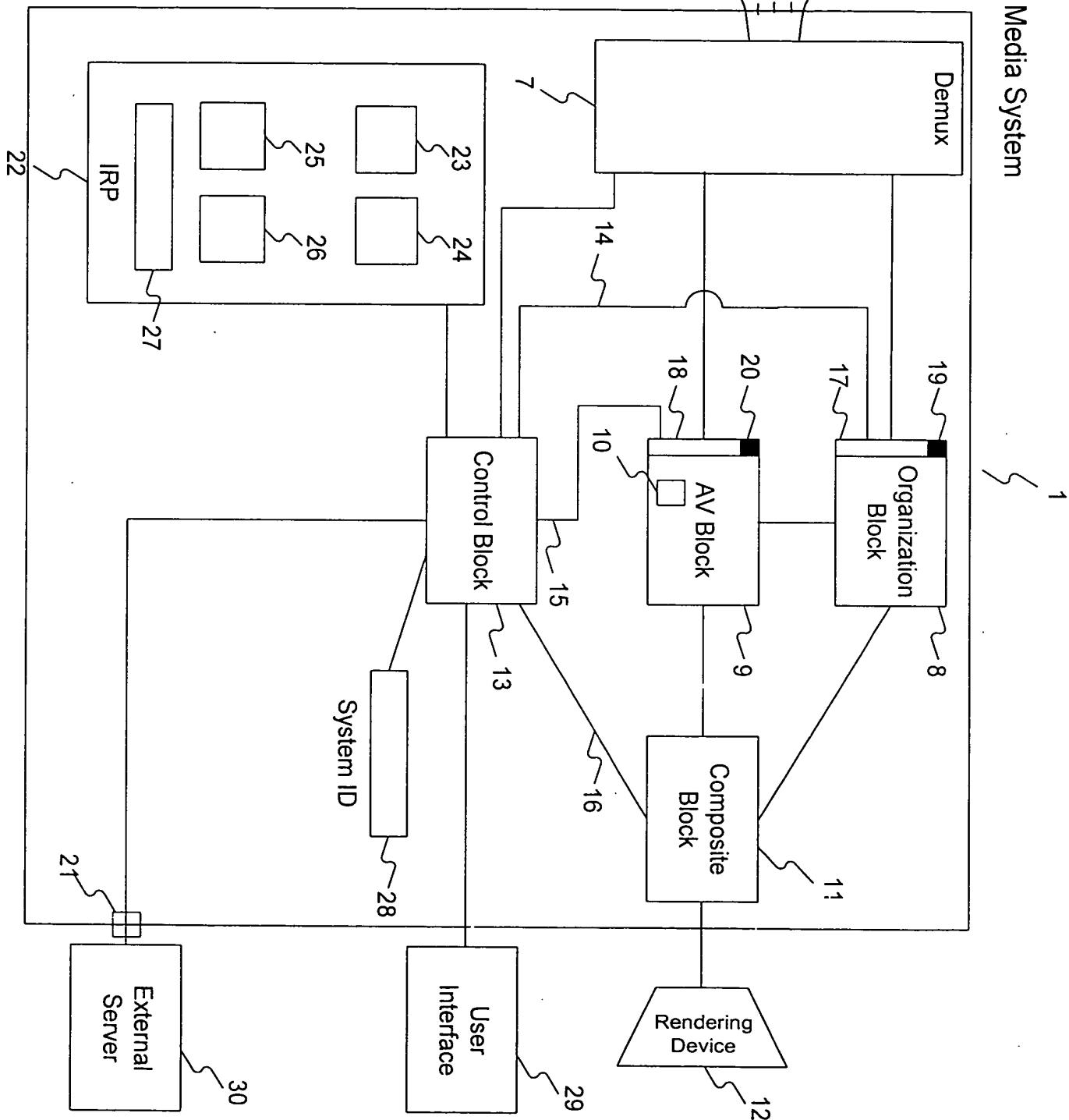


Fig.
4



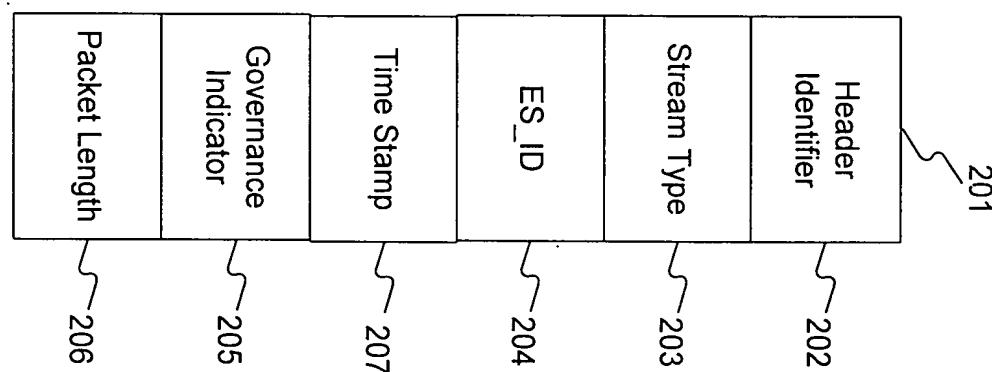


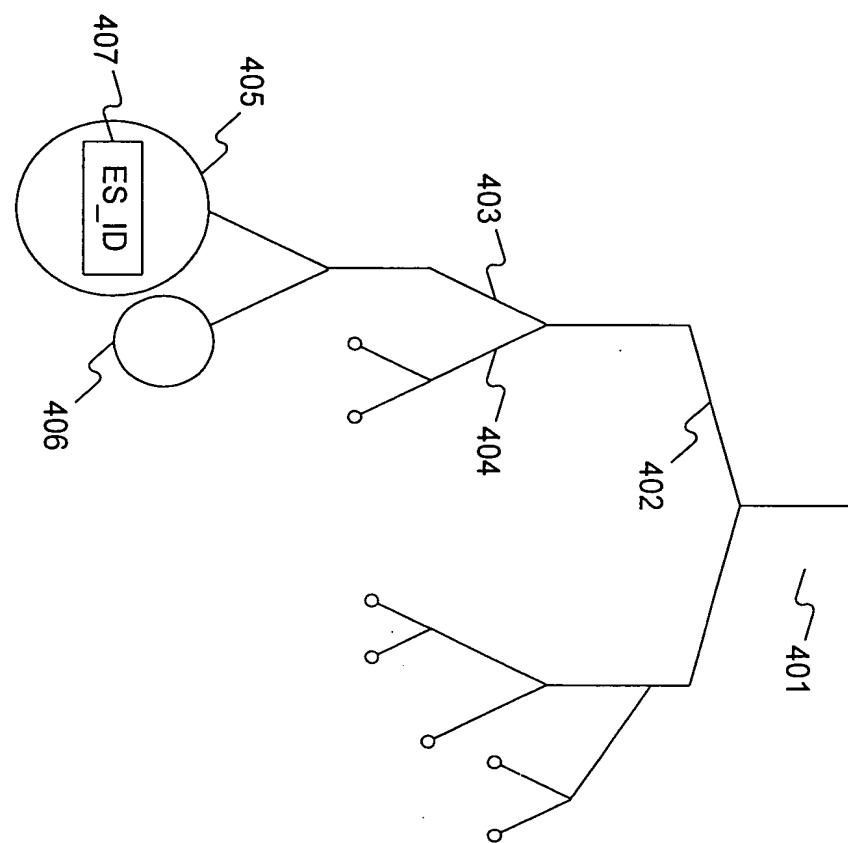
Fig. 2

308	307	306	305	304	303	302	301
Packet ID	Packet ID	Header	Packet ID	Packet ID	Packet ID	Packet ID	Header
ES_ID	ES_ID	Audio Stream	ES_ID	ES_ID	ES_ID	ES_ID	Organization Stream
Time Stamp	Time Stamp	ES_ID	Time Stamp	Time Stamp	Time Stamp	Time Stamp	ES_ID
Data	Data	Time Stamp	Data	Data	Data	Time Stamp	4 Packets
		2	Packets				

Fig. 3



Fig. 4



Control Message

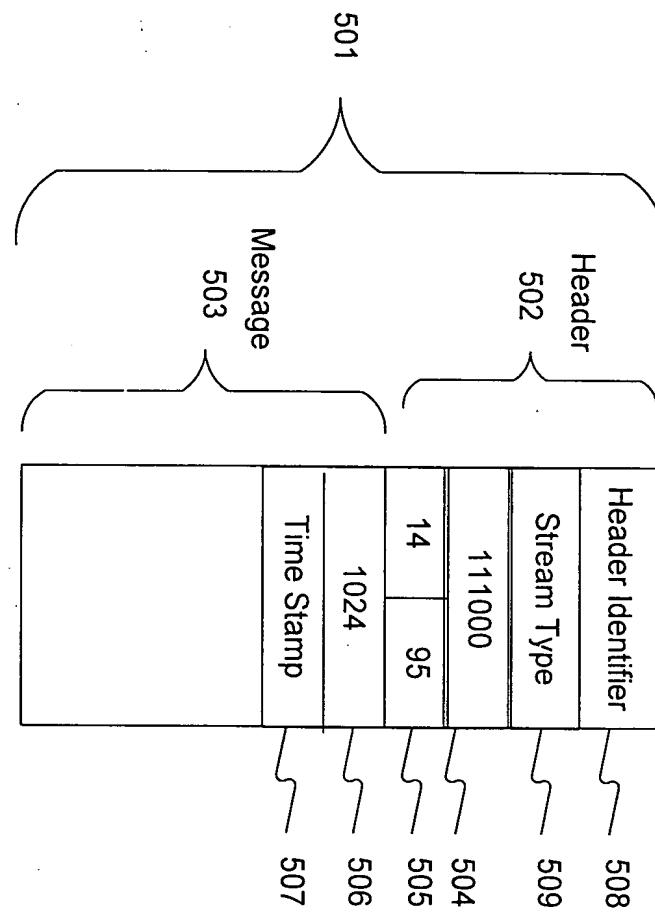


Fig. 5

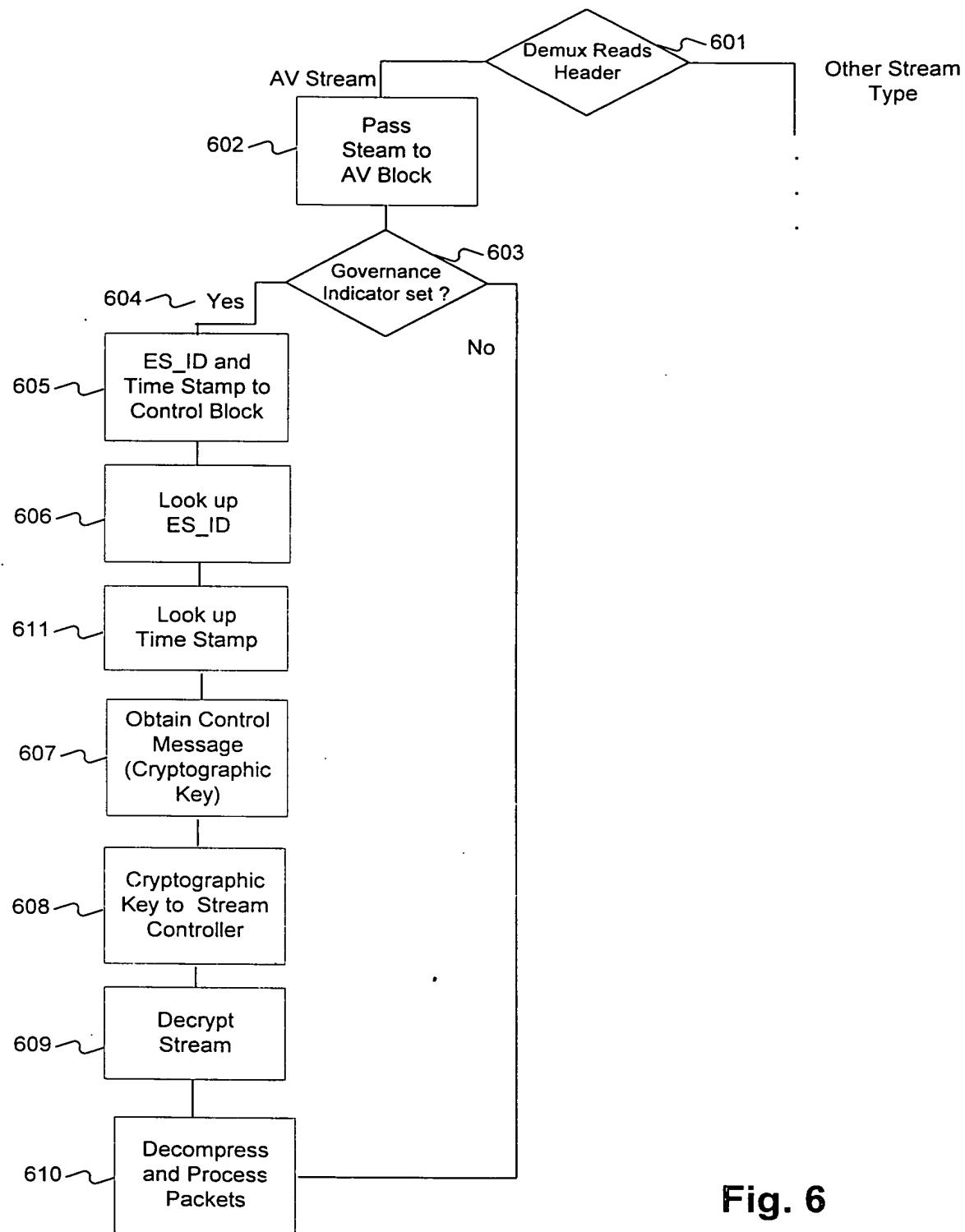


Fig. 6

		Controlled Streams		Message	
1	15	903	Key	705	
2	20	2031	Rule	<u>706</u>	Commands
3	9				Authorized Sys. ID
4	700	49, 50, 51, 52, 53	Rule	<u>710</u>	Commands
5	21	36	Rule	<u>719</u>	Key
6	14	1201	Rule		712
					Key 713
					Key 714
					Key 715
					Key 716
					718

Fig. 7

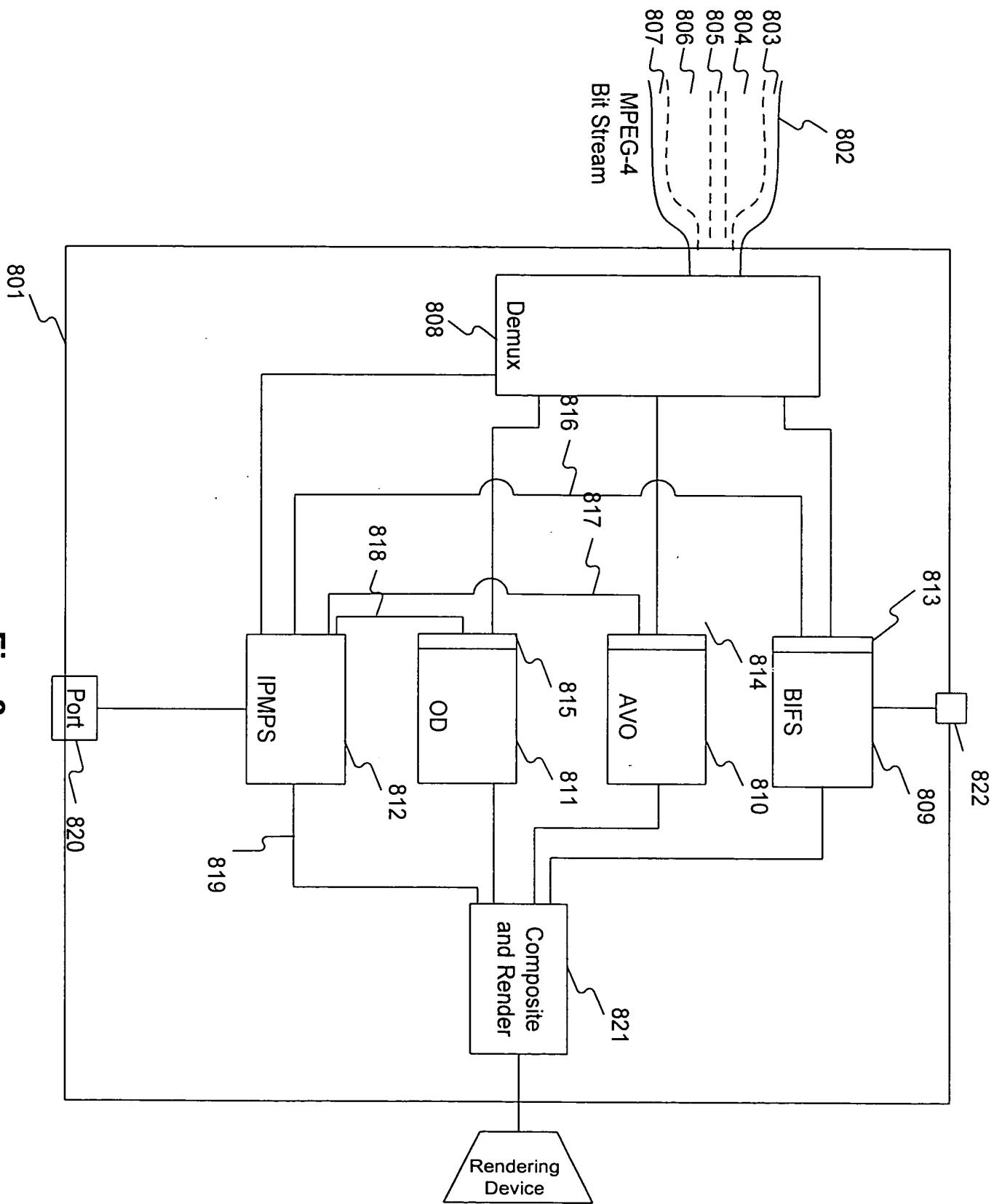
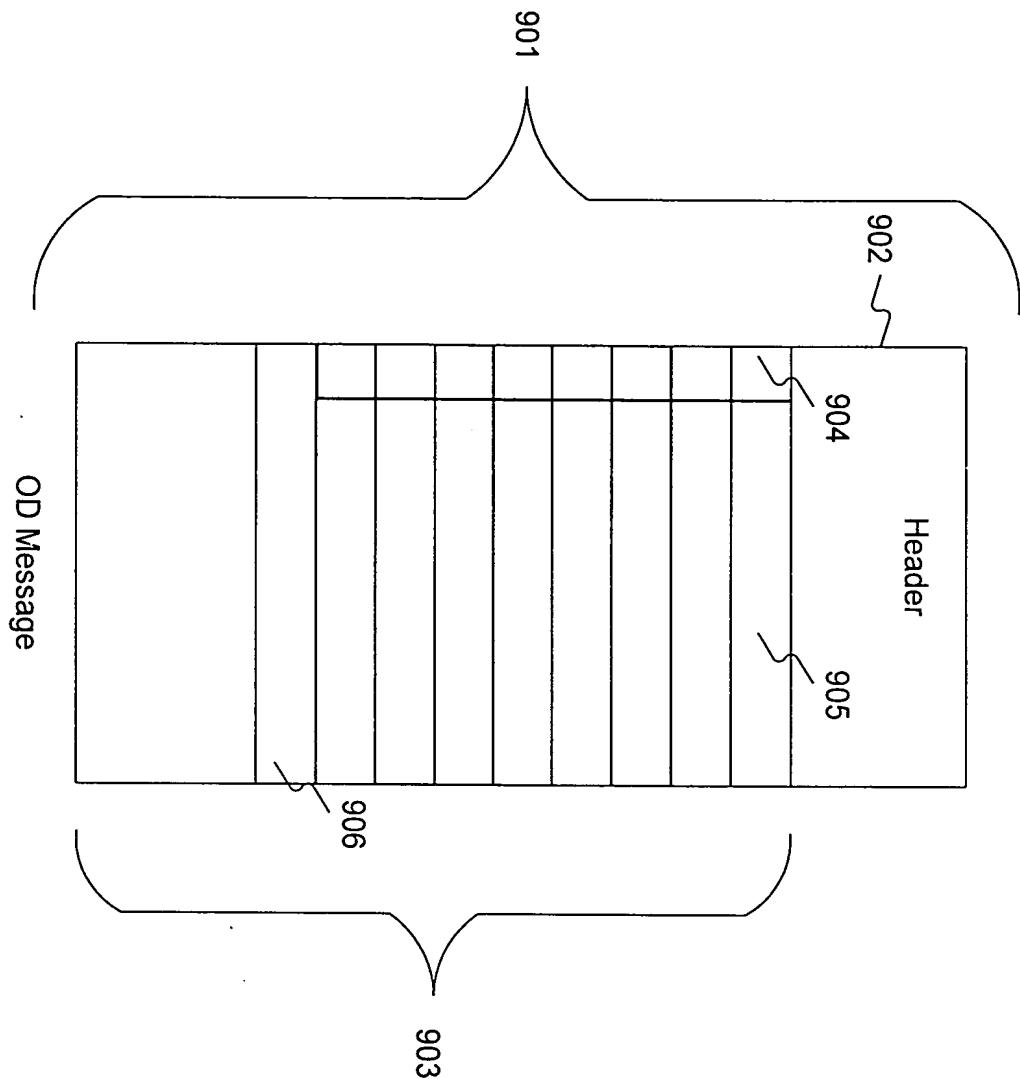


Fig. 8

Fig. 9



IPMP Table

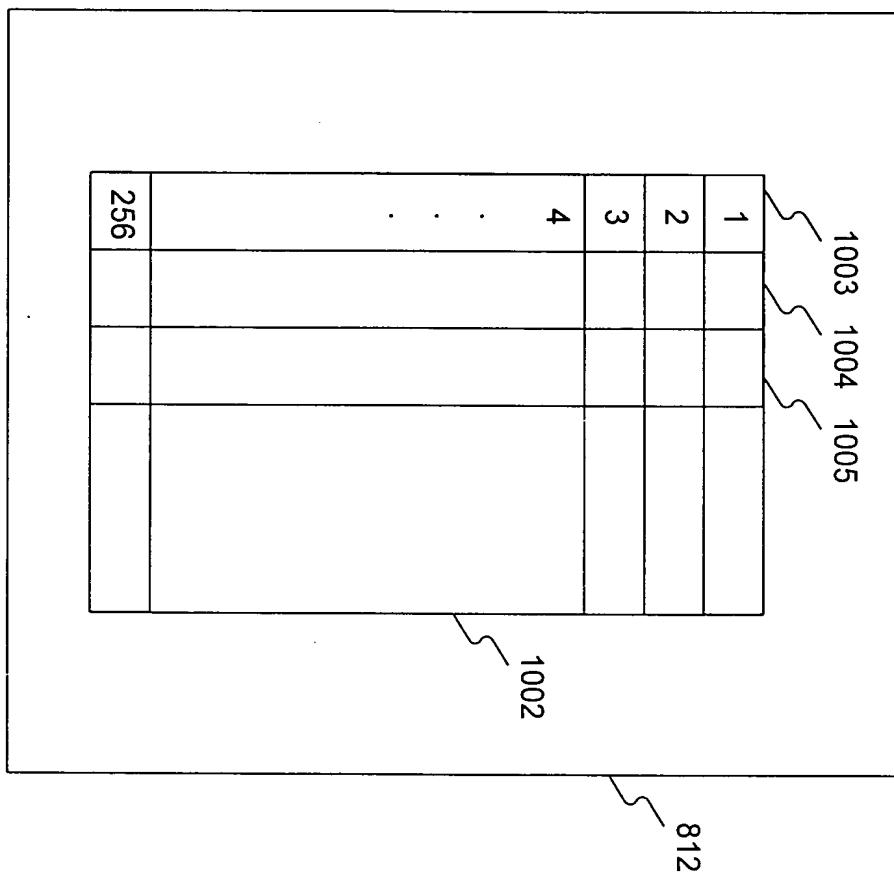


Fig. 10

Fig. 11

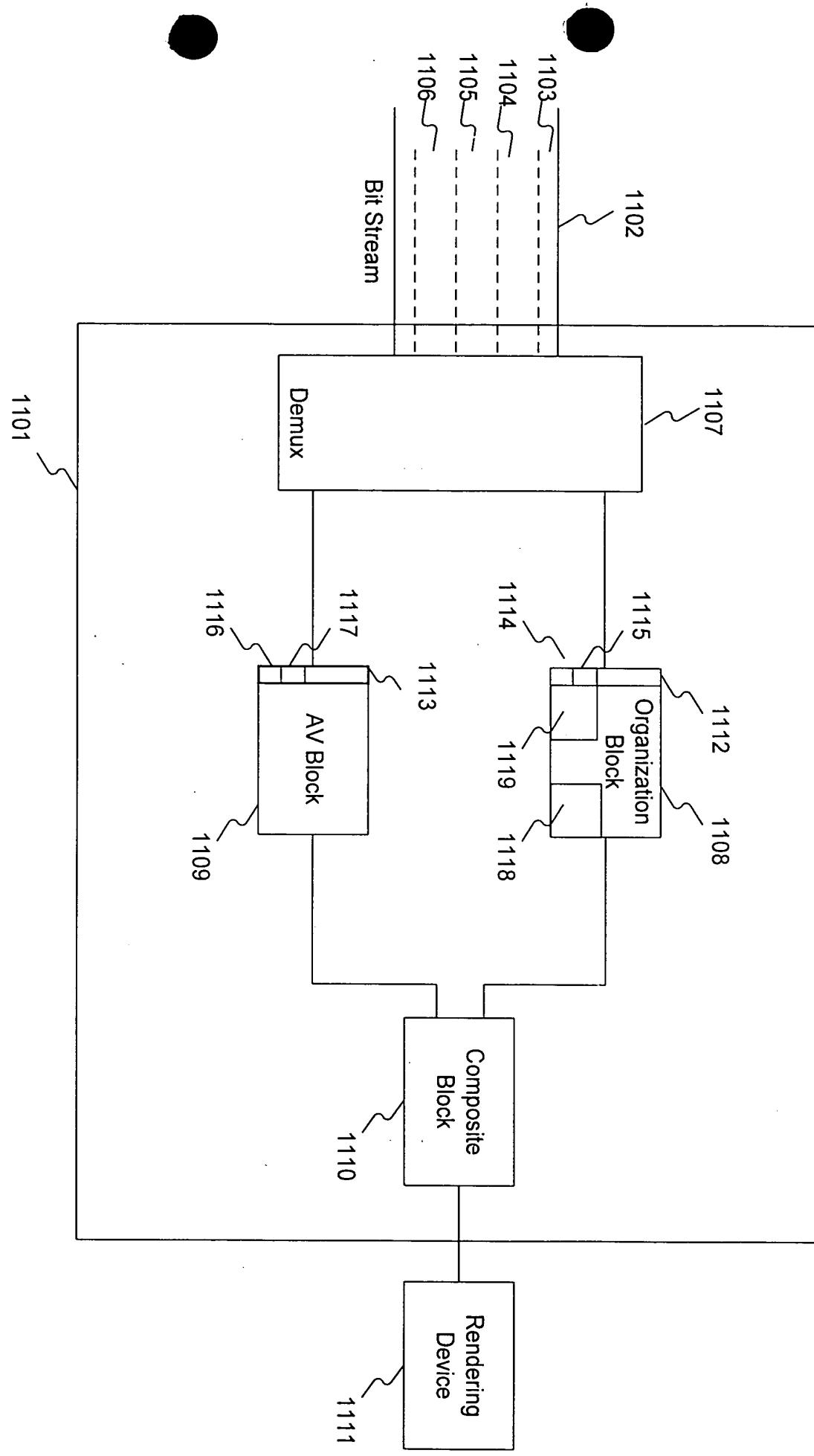
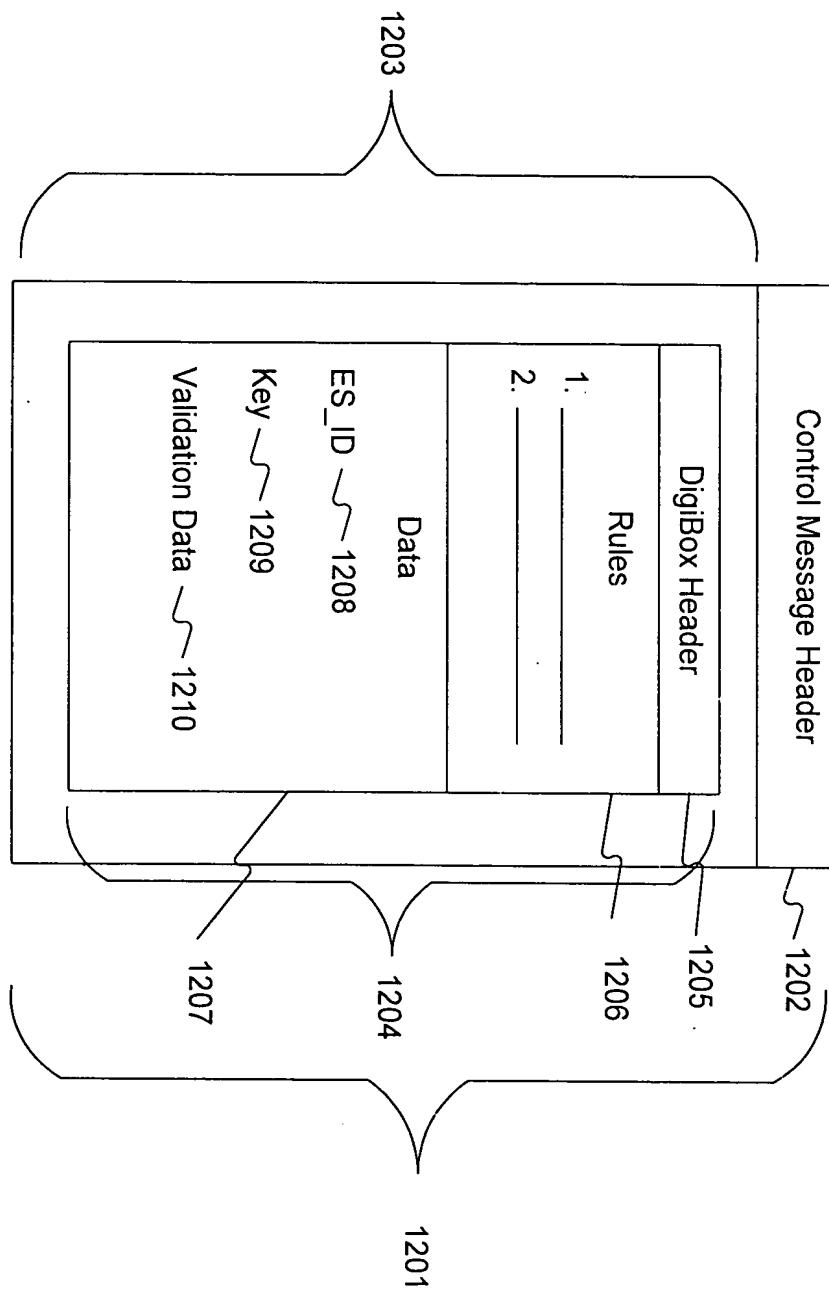


Fig. 12



Real Networks File Format

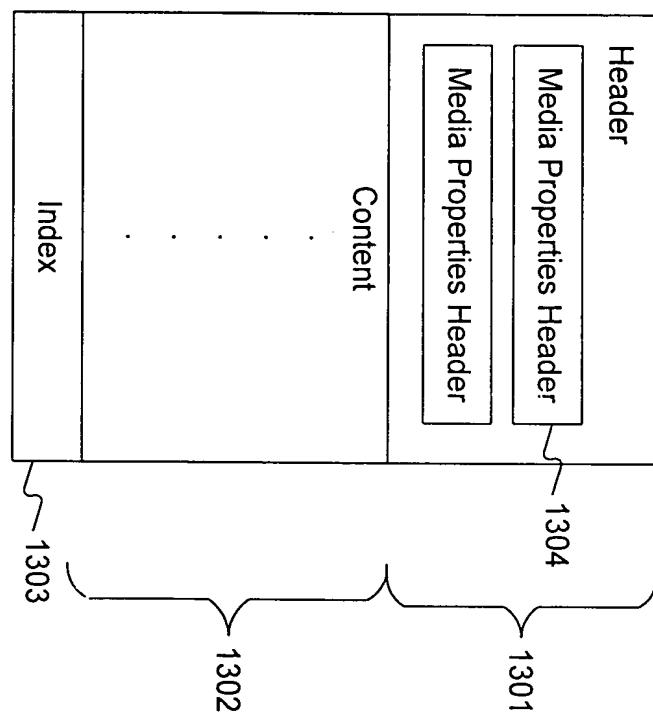


Fig. 13

Real Networks/Protected File Format

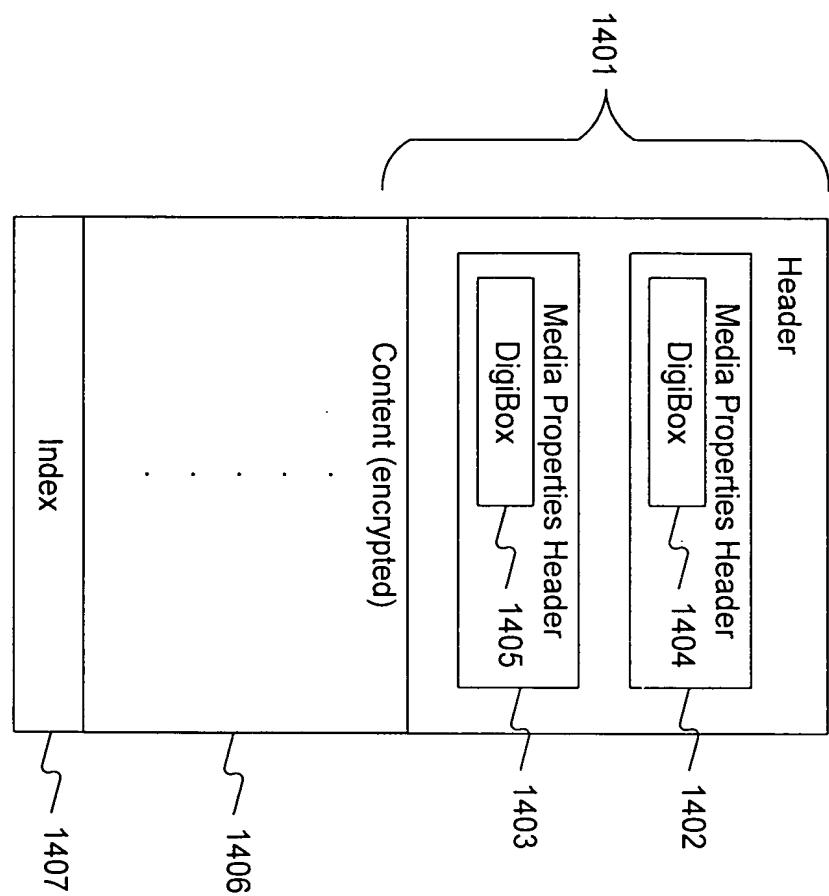


Fig. 14

Fig. 15

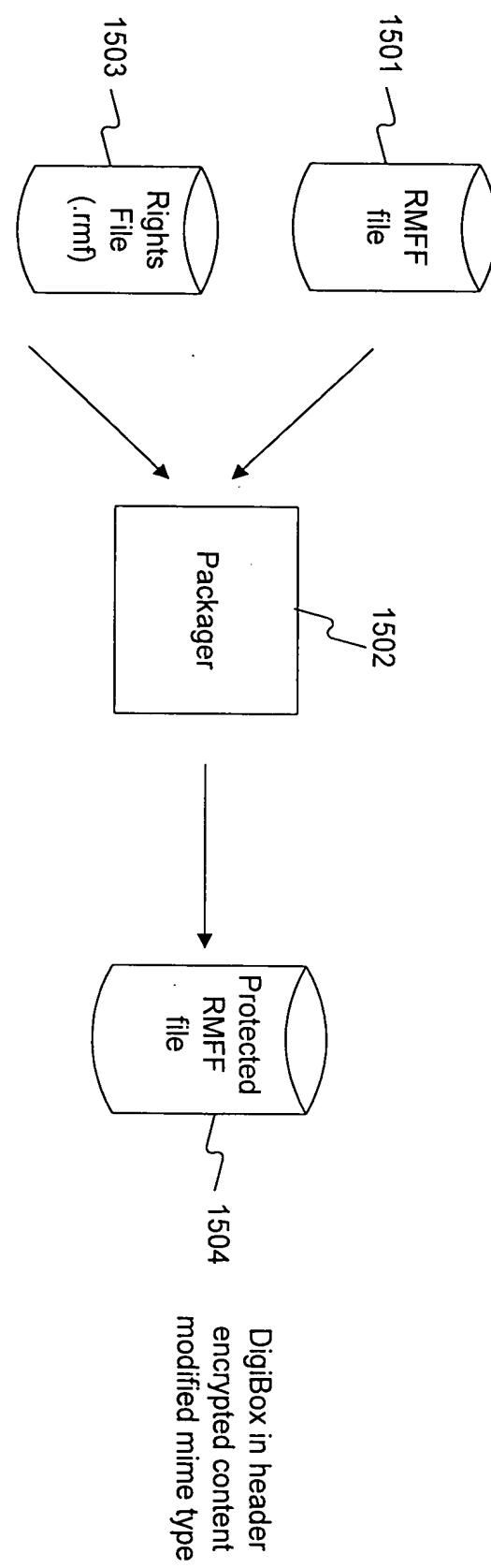
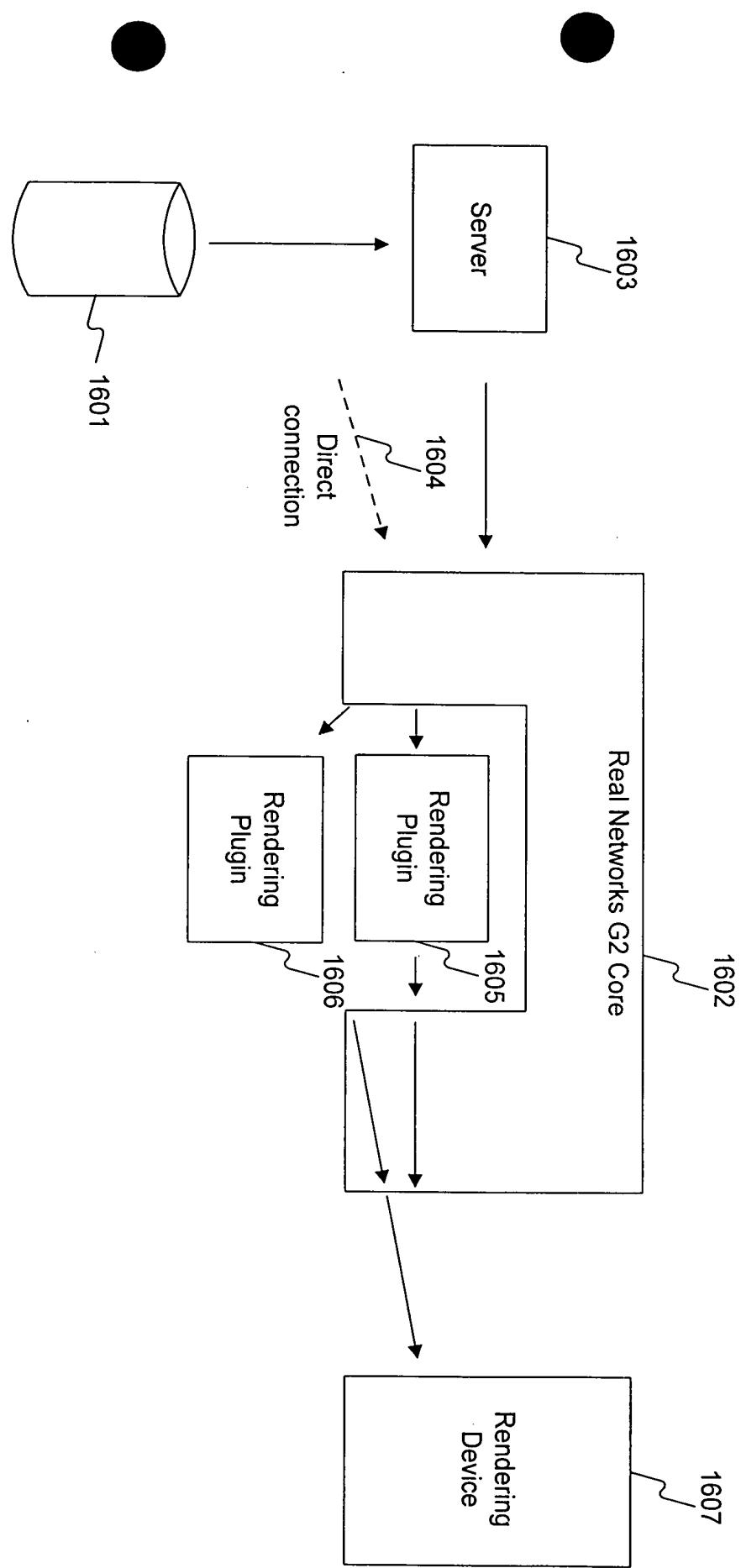


Fig. 16



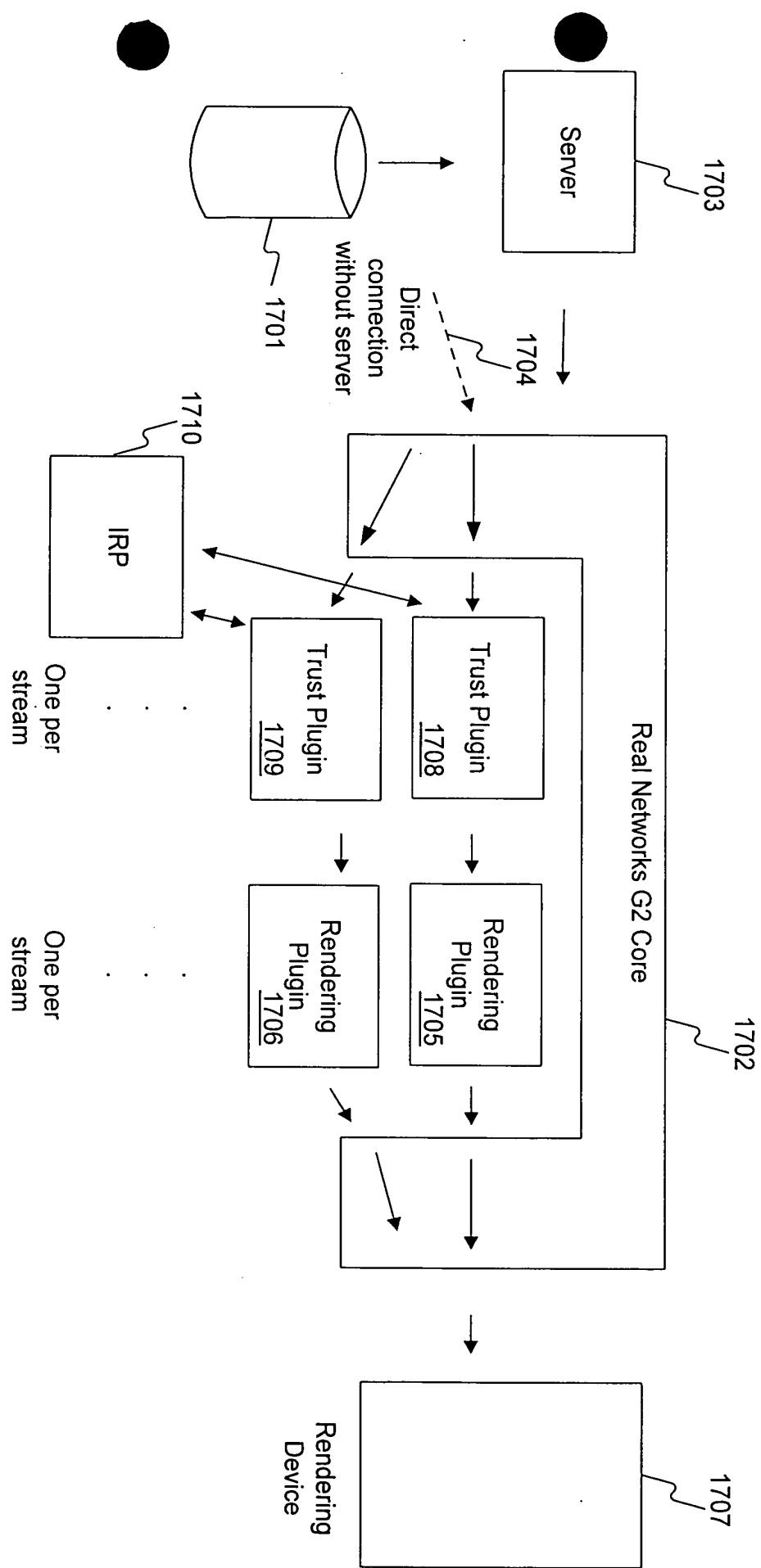
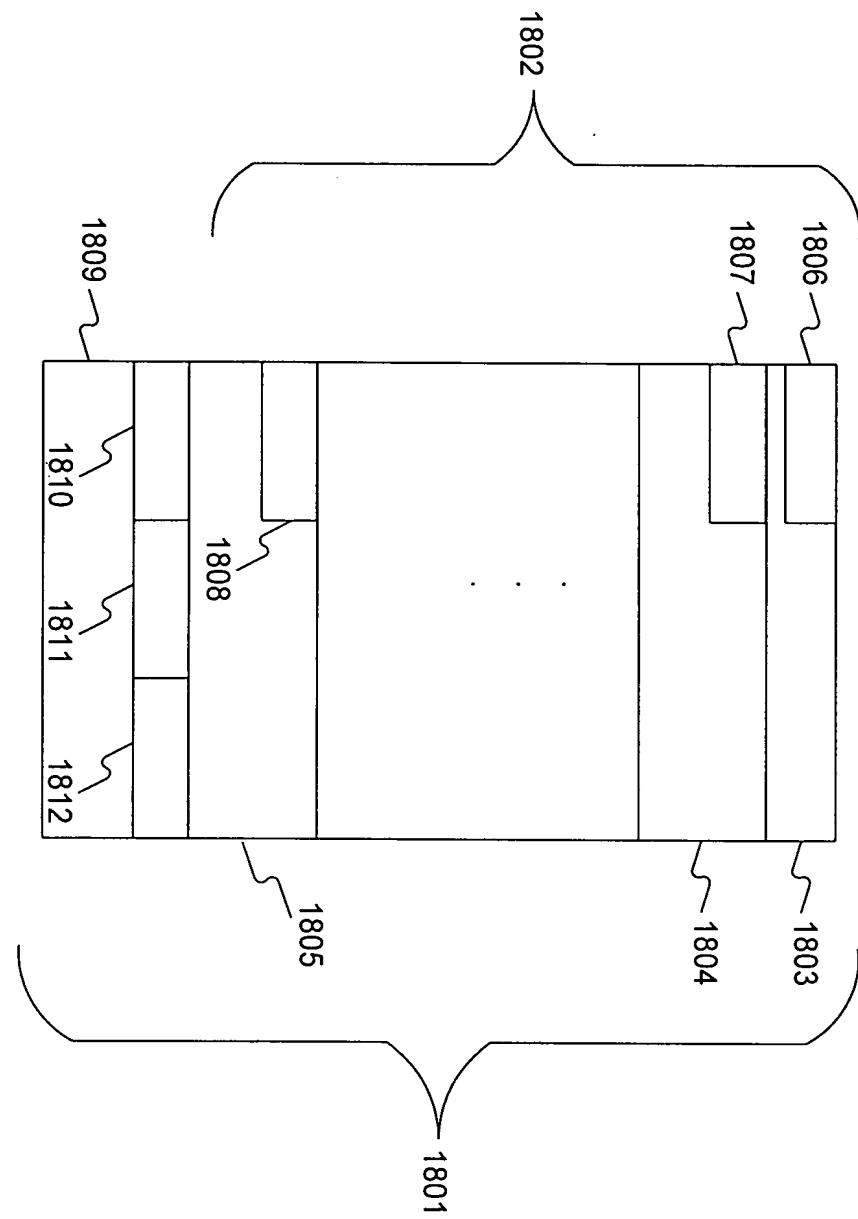
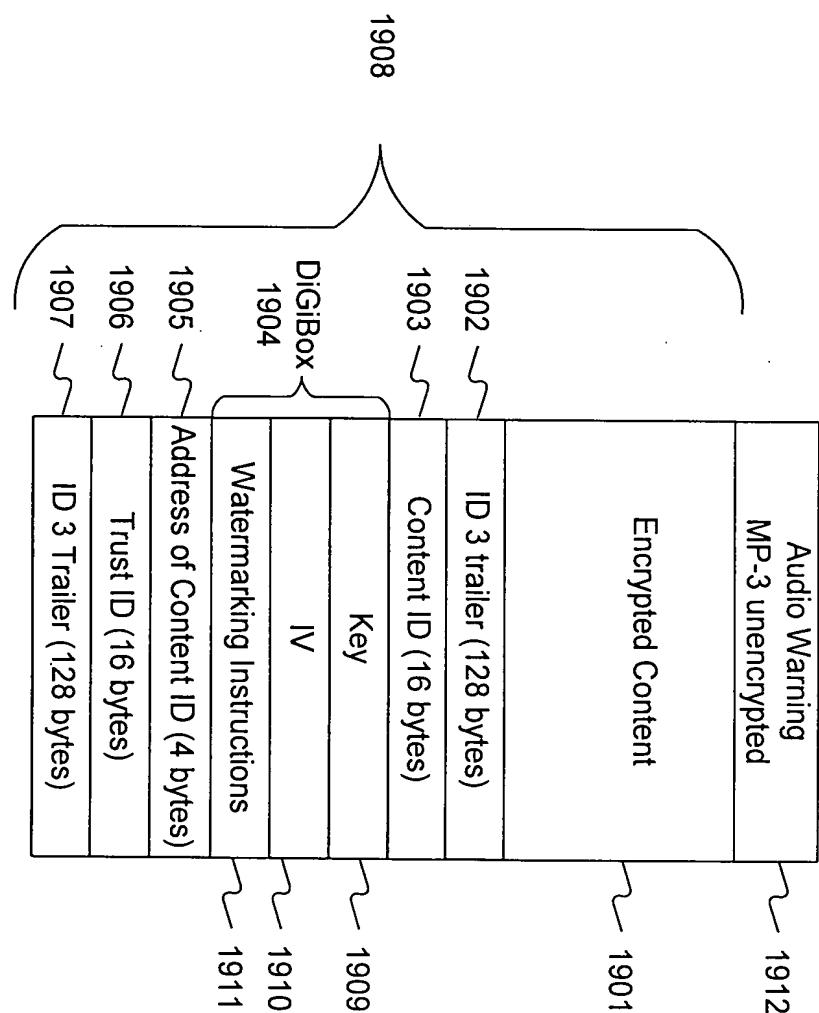


Fig. 17

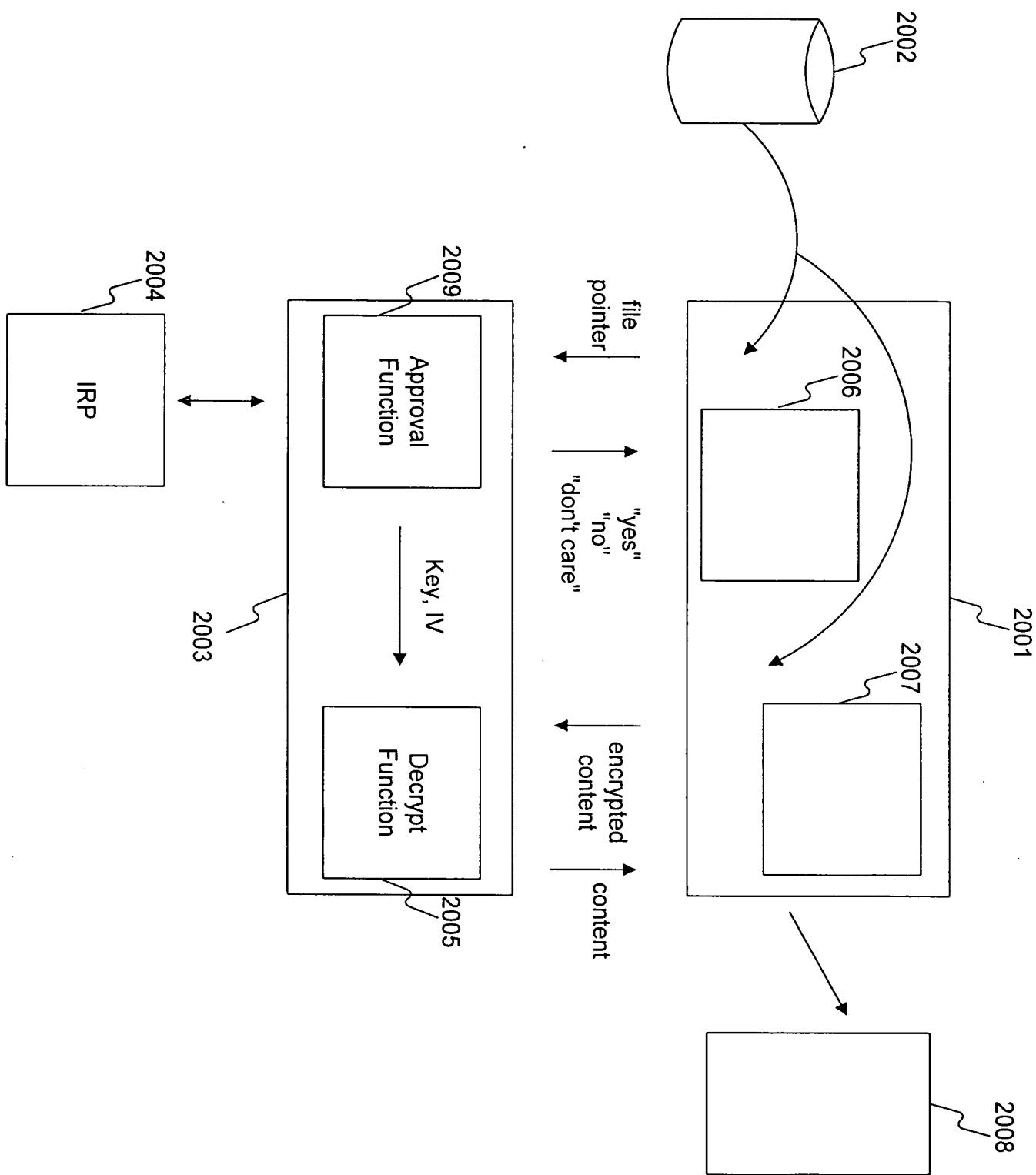
Fig. 18





Protected MP3 Format

Fig. 19



Creating New MPEG-4 File

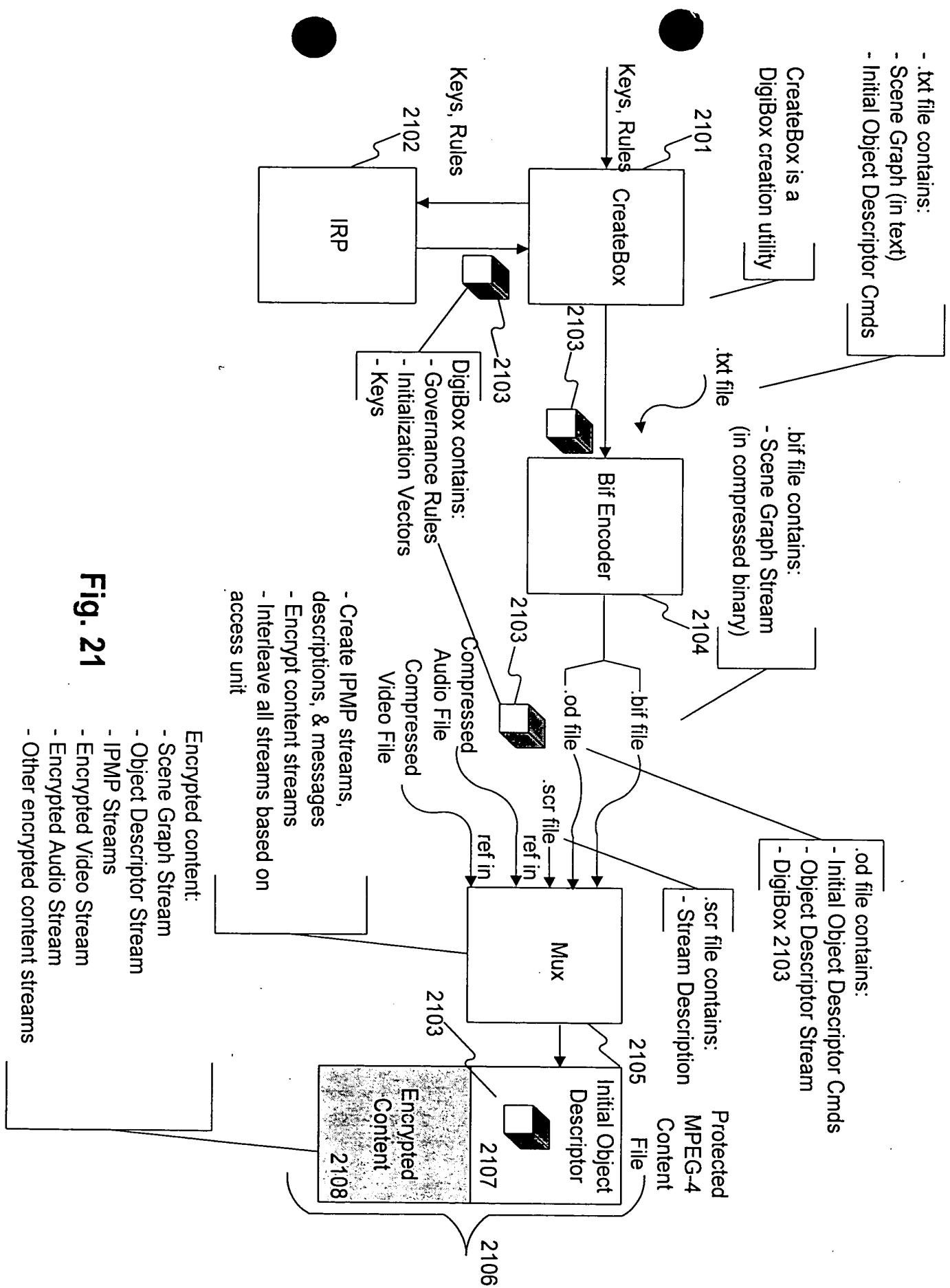


Fig. 21

- Encrypted content:
- Scene Graph Stream
- Object Descriptor Stream
- IPMP Streams
- Encrypted Video Stream
- Encrypted Audio Stream
- Other encrypted content streams

Repackaging Existing MPEG-4 Files

MPEG-4 File is transformed with a packaging program which encrypts the Content and embeds DigiBox in the Initial Object Descriptor, it also adds the IPMP streams, descriptors, and messages

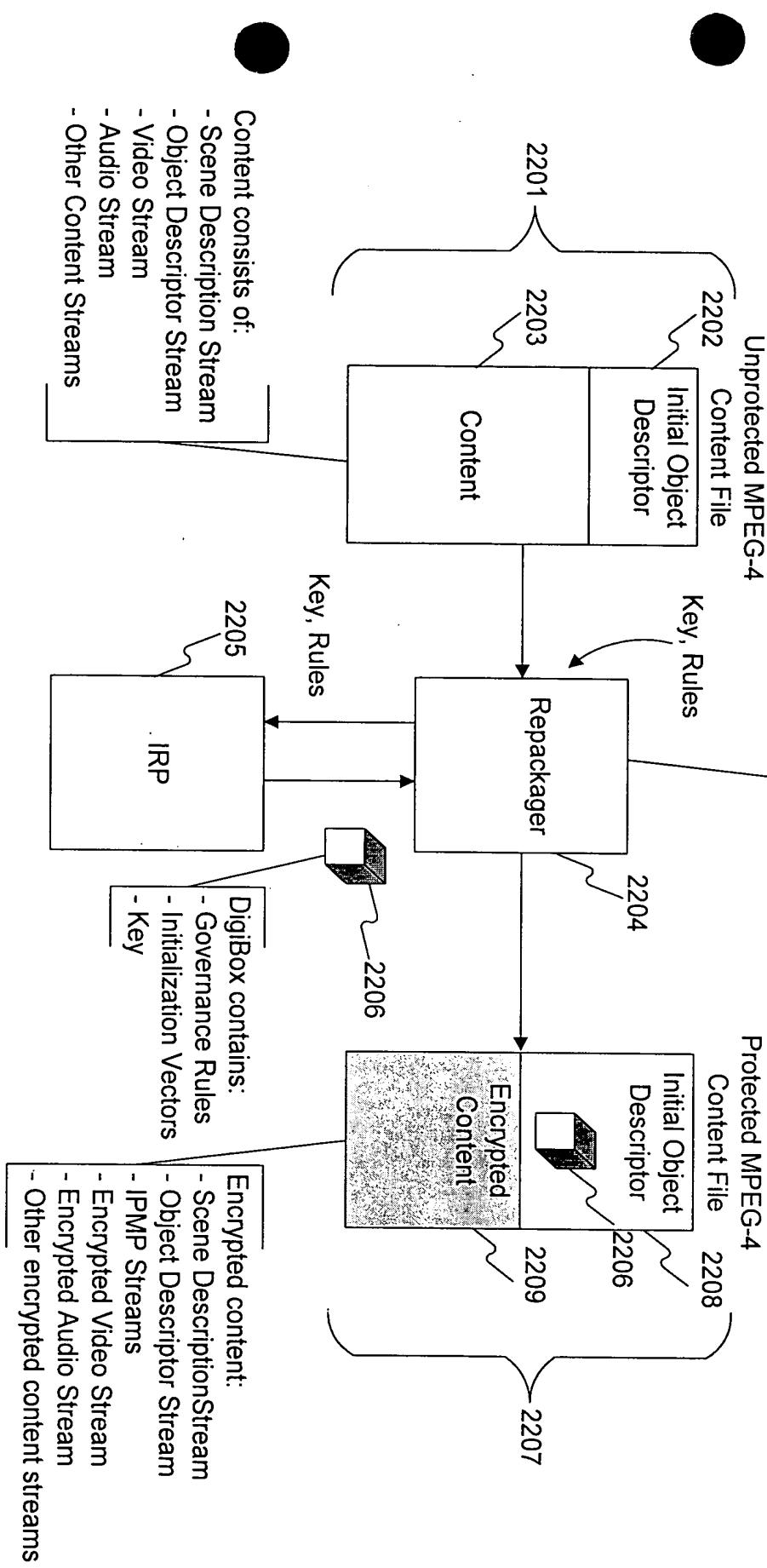
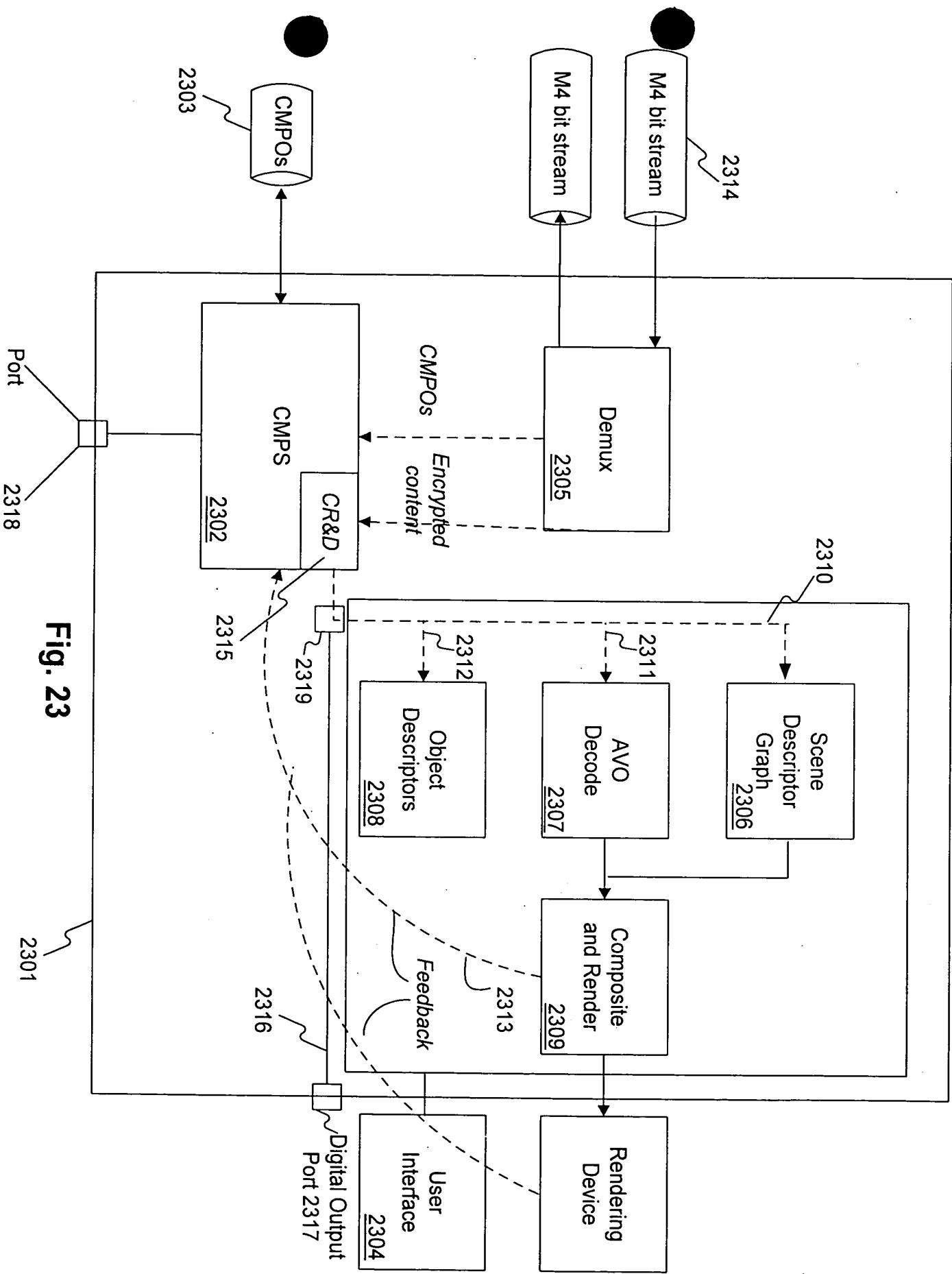


Fig. 23



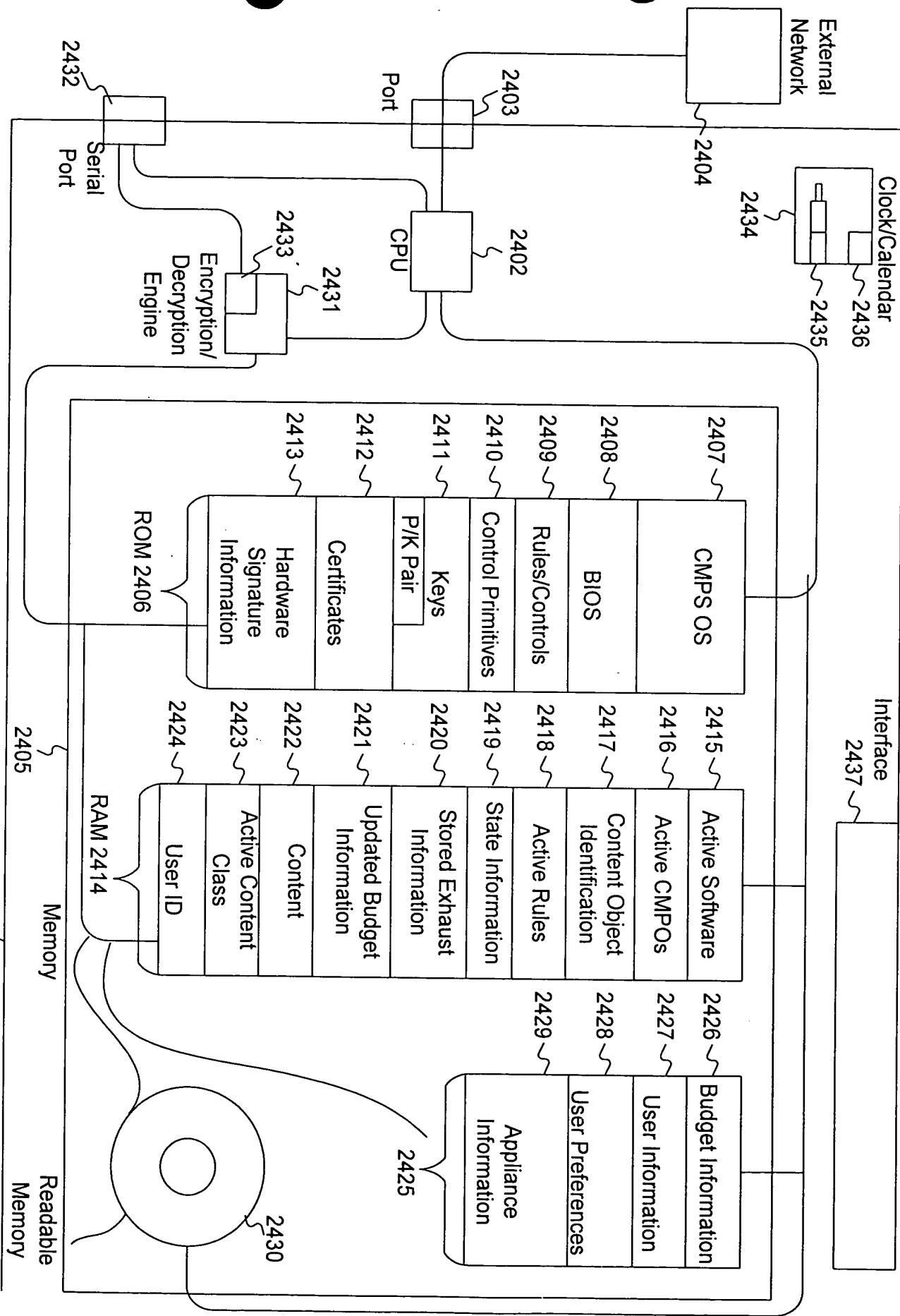


Fig. 24

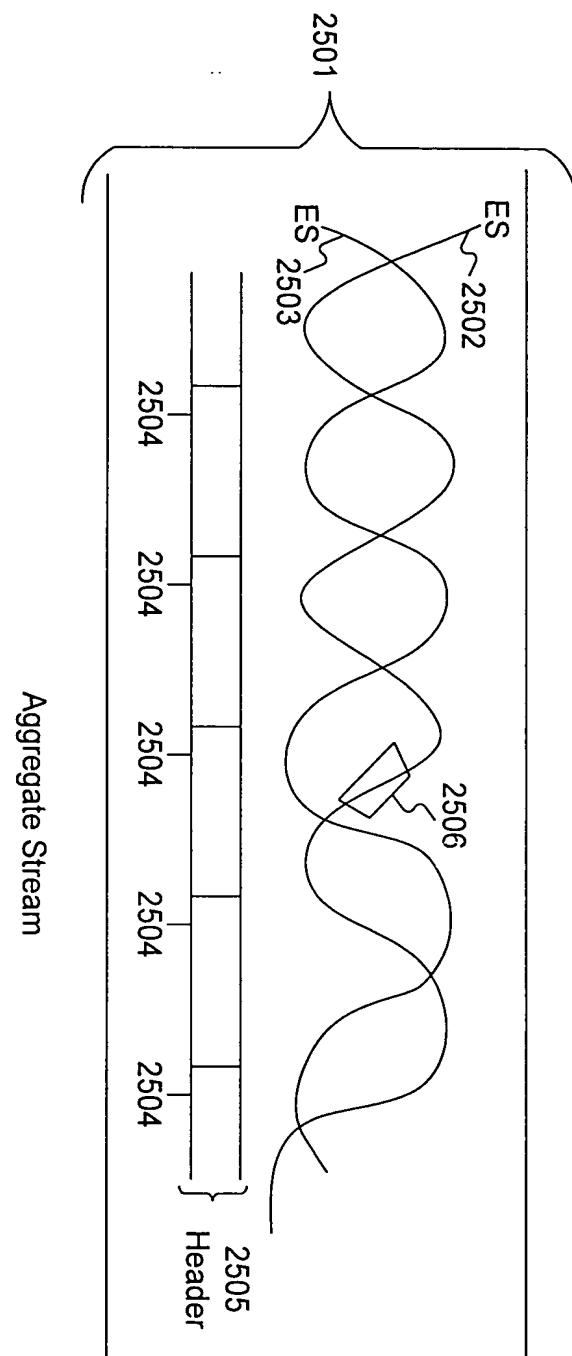


Fig. 25

Aggregate Stream

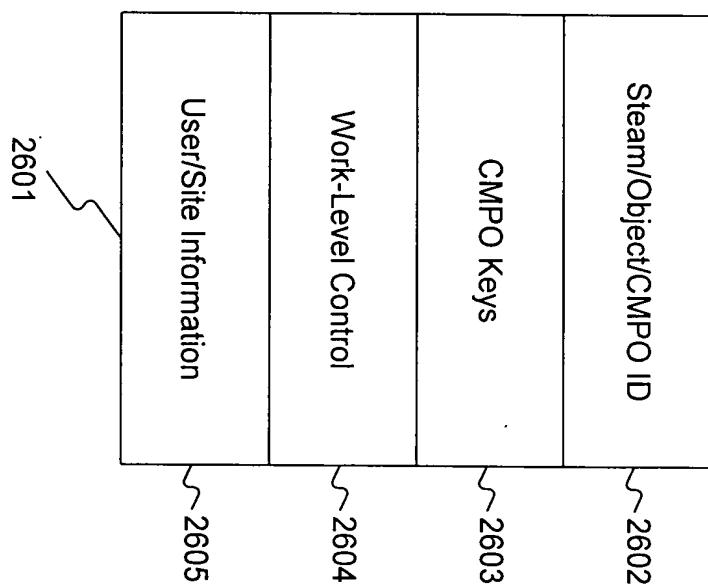


Fig. 26

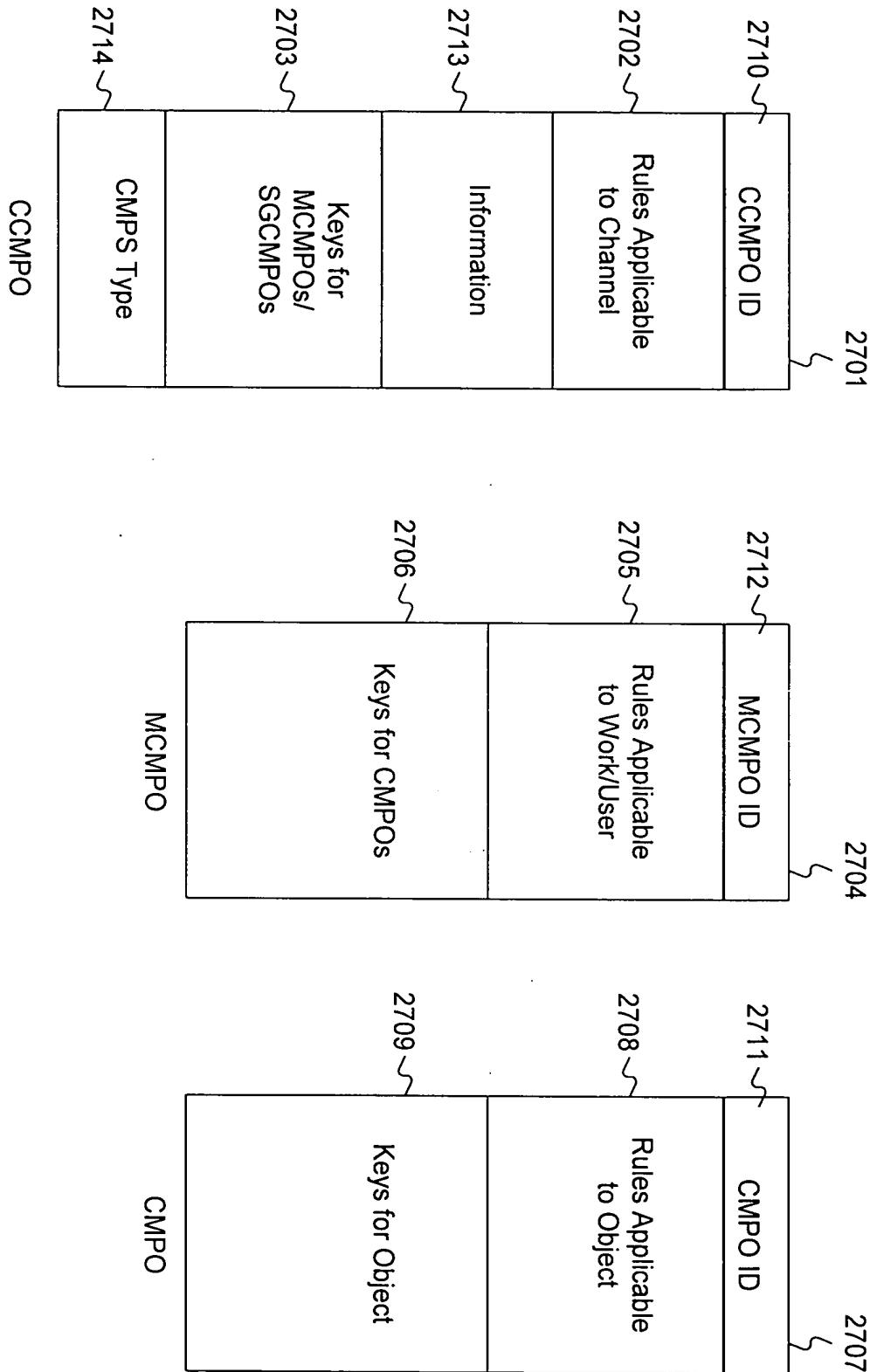


Fig. 27

CMPO Structure

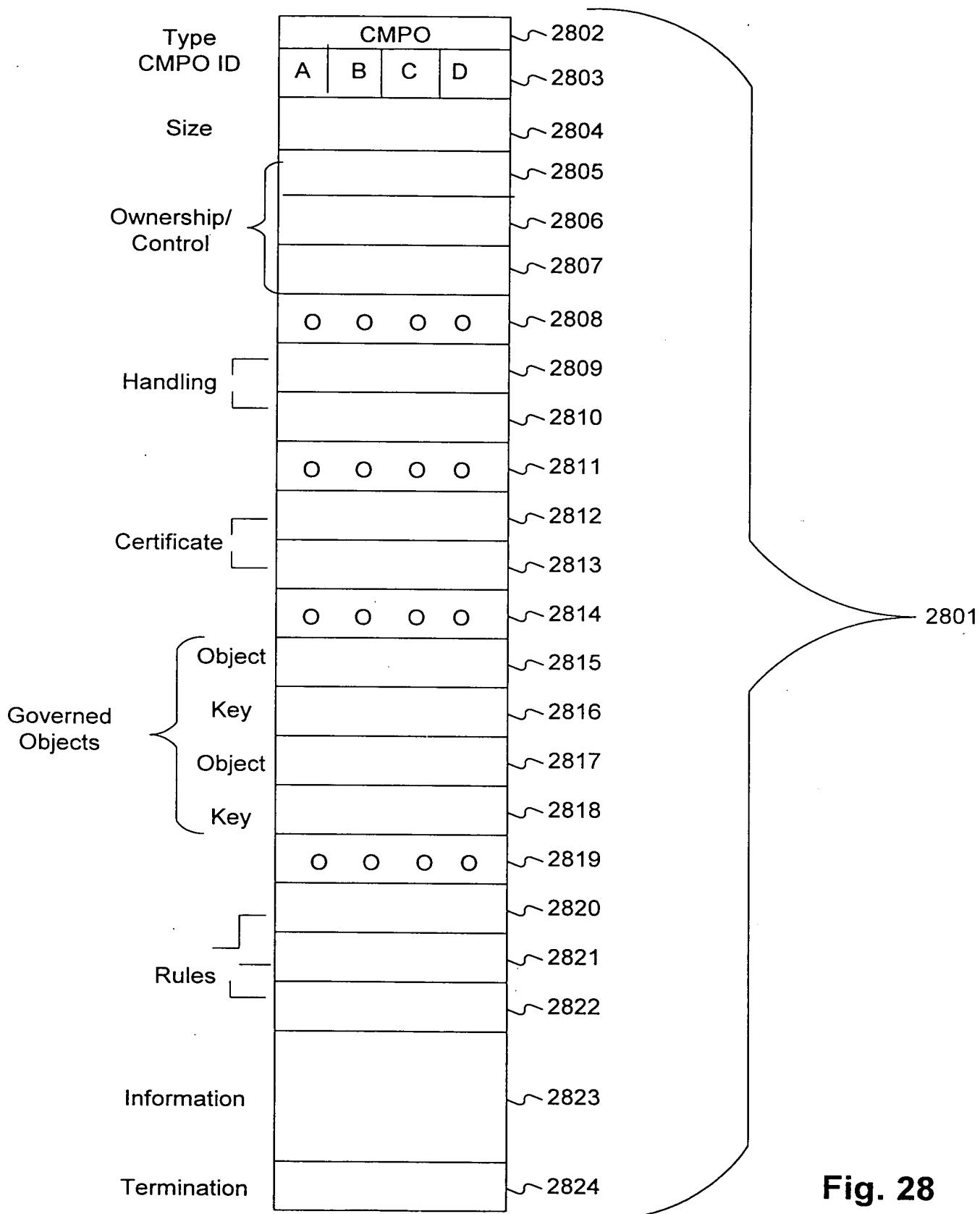


Fig. 28

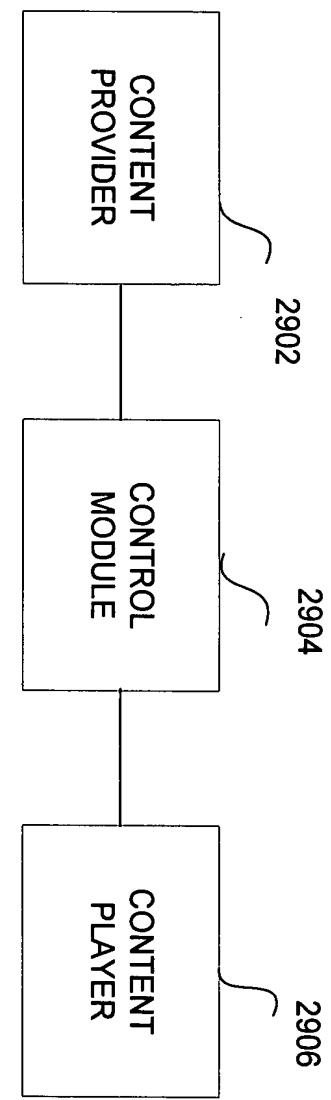


FIG. 29

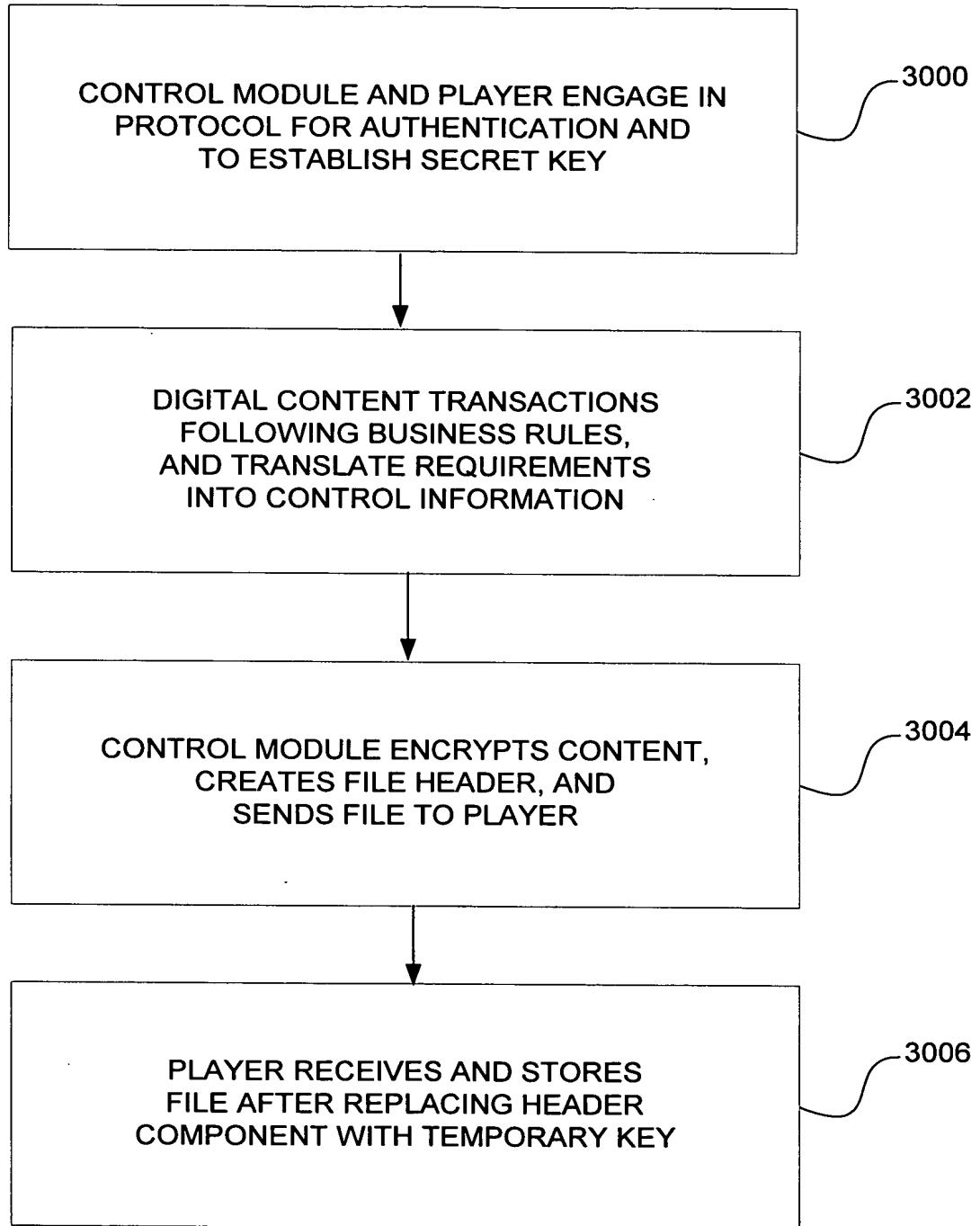


FIG. 30

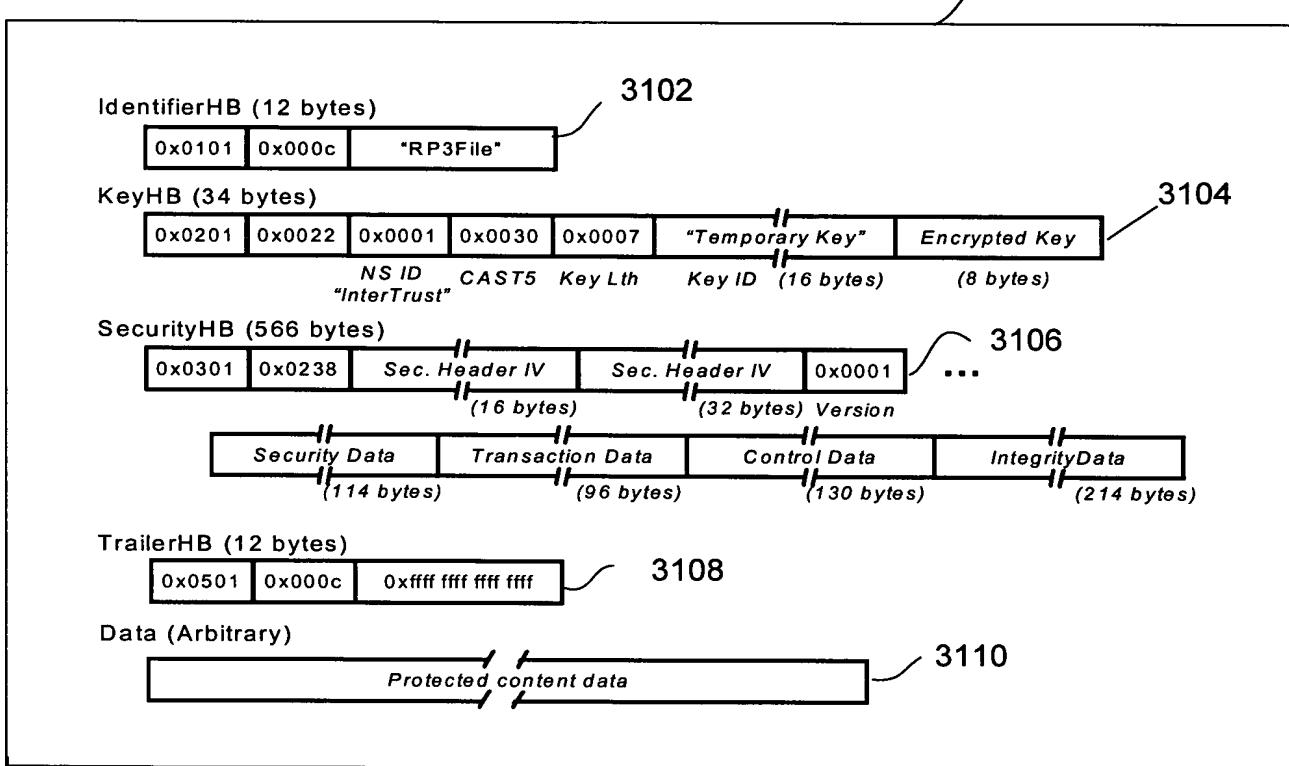


FIG. 31

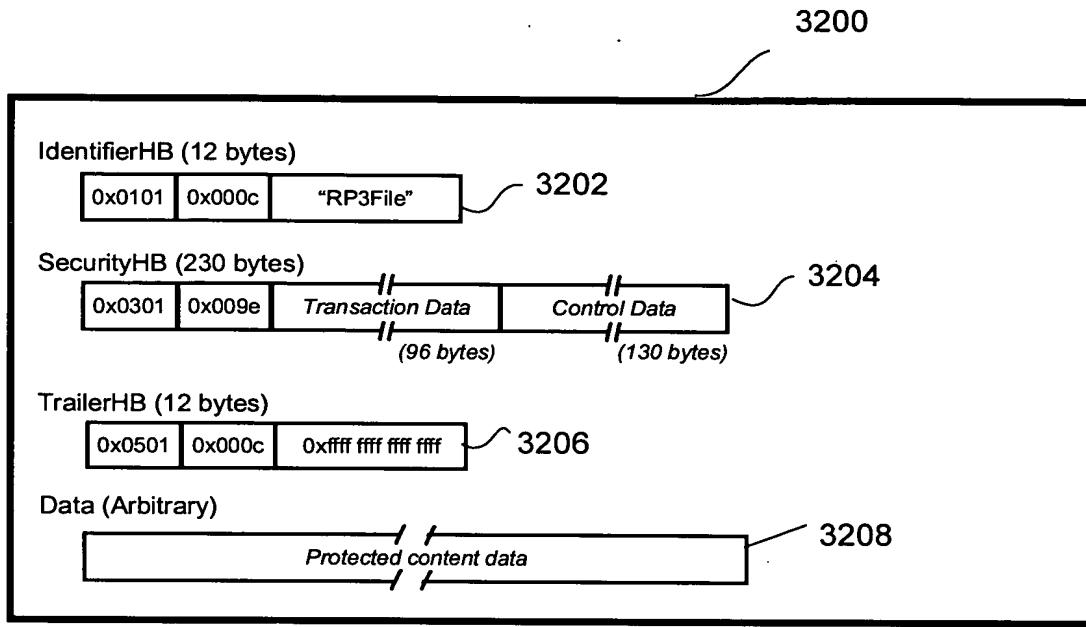


FIG. 32